FY- 2005 Goals, Activities, and Targets

GOALS

Year	Identify	Implement	Actual
FY-04	12	6	6
FY-05	12	6	TBD

ACTIVITIES AND TARGETS – Short term (FY – 2005)

	ACTIVITIES	TARGET
1.	Reduction of chemicals at PBS	All 4 major facilities: a.) Assessed for excessive chemicals b.) Chemicals disposed or recycled
2.	Implement AP/EPP at PBS	One training session / up on Website
3.	Natural lawn care	Implement organic program
4.	Implement AP/EPP at PBS	One training session / up on Website
5.	Garnet Recycling	Complete installation, optimize performance & implement
6.	Garnet recycling tech transfer	Investigate business-wide applications
7.	Life Cycle Assessment	Determine and implement 2 application-specific tools
8.	Develop a web-based P2/Recycling training module	Make available
9.	AP/EPP web site	Develop analytical tool
10.	Create SAGE-like program to recommend alternatives	Search tool available on net for GRC
11.	Market AP/EPP site NASA-wide	Implement AP/EPP on GoLearn.com or similar
12.	Determine strategic plan to include AP/EPP language in contracts	Create clause language and incorporate into five contracts
13.	Replace Stoddard Solvent as degreaser in Space Environment Chamber at PBS	Replace with EPP degreaser
14.	Study of low-strength mortar and flowable fill containing recycled material	Develop guidance document
15.	SPF at PBS	Conduct feasibility study
16.	AP/EPP Chapter	Publish chapter(s)
17.	Spark plug / energy efficiency	Complete study
18.	Add 5 products to AP/EPP list	5 EPP products posted on AP/EPP site

ACTIVITIES AND TARGETS – Long term

	ACTIVITIES	FY- 05 TARGET	LONG TERM GOAL
1.	Real Time Monitoring pilot study at GRC – Lewis Field	Secure funding for a prototype unit	Complete prototype unit
2.	Replace large Iridite uses	Performance testing done	Replace Iridite
3.	Native landscaping	Implement pilot program	Implement maximum achievable use of native landscaping
4.	Biodegradable cafeteria supplies	Implement pilot program	Implement maximum achievable use of biodegradable supplies
5.	Cafeteria composting	Implement pilot program	Implement maximum achievable cafeteria composting
6.	GRC-wide composting	Implement pilot program	Implement maximum achievable GRC composting
7.	New cafeteria set-up	Integrate sustainability concepts	Implement maximum achievable use of sustainability practices
8.	Convert EMO vehicles to CNG/other alt.	All new/replacement vehicles capable of using alternative fuel	Convert entire fleet
9.	Renewable energy at Lewis Field	Produce some form of renewable energy at Lewis Field to feed back into grid, remove an area from grid, or use power for a project instead of grid.	Implement maximum achievable independence from power grid
10.	Renewable energy at PBS	Same as #9 – at PBS.	Implement maximum achievable independence from power grid
11.	Assist in providing wind power from Lake Erie	Assist in GEO project by receiving data at NASA antenna – Target achieved when wind monitoring study completed.	Achieve wind power from Lake Erie turbines
12.	Initiate one NASA hydrogen power project	Consensus is achieved by Hydrogen Power Working Group and funding is secured.	Implement hydrogen power project at any NASA facility
13.	Hydrogen power production at GRC	Hydrogen is produced at GRC for a project, or a dispenser is working.	Implement hydrogen power project at GRC
14.	Hydrogen powered fleet	GRC has at least one working hydrogen car	GRC becomes part of U. S. hydrogen infrastructure
15.	SPF at PBS	Conduct feasibility study	Contact VRTX Technologies for work on water tower
16.	Laser paint removal in Hangar	Make case for laser equipment at GRC	Replace methylene chloride as paint remover in Hangar